

### AMENDMENTS TO THE CLAIMS

This listing of the claims will replace all prior versions and listings of the claims in this application.

#### LISTING OF THE CLAIMS:

1. (Currently Amended) A polyamide whose main chain comprises chemically bound 1-amino-2-R-cyclopent-1-ene wherein R is a functional group capable of combining with an amino group to form an amide group and wherein R is present at a level in the range from not less than 0.08 mol%, to 2 mol%, based on 1 mol of acid amide groups of said polyamide, wherein R is selected from the group consisting of carboxylic acid, and carboxylic ester, ~~carboxylic amide~~.
2. (Cancelled).
3. (Cancelled).
4. (Original) The polyamide according to claim 1 wherein R represents carboxylic acid.
5. (Original) The polyamide according to claim 1 wherein R represents carboxylic ester.
6. (Original) The polyamide according to claim 5 wherein R represents a carboxylic ester selected from the group consisting of methyl ester, ethyl ester, n-propyl ester, i-propyl ester, n-butyl ester, s-butyl ester, i-butyl ester and t-butyl ester.
7. (Original) The polyamide according to claim 1 wherein the main chain of said polyamide comprises chemically bound 2-methyl-1,5-diaminopentane.
8. (Cancelled).

9. (Previously Presented) A process for preparing a polyamide, which comprises converting monomers suitable for forming a polyamide in the presence of 1-amino-2-R-cyclopent-1-ene, where R is a functional group, according to claim 2.
10. (Previously Presented) A process for preparing a polyamide, which comprises converting oligomers suitable for forming a polyamide into a polyamide in the presence of 1-amino-2-R-cyclopent-1-ene, where R is a functional group, according to claim 2.
11. (Previously Presented) Fibers, films and moldings comprising a polyamide according to claim 1.
12. (Currently Amended) A process for preparing a polyamide, which comprises converting monomers suitable for forming a polyamide in the presence of 1-amino-2-R-cyclopent-1-ene, where R is a functional group selected from the group consisting of a carboxylic acid; and a carboxylic ester; carboxylic amide and nitrile, and the main chain of said polyamide comprises chemically bound 1-amino-2-R-cyclopent-1-ene wherein R is present at a level in the range from not less than 0.08 mol% to 2 mol%, based on 1 mol of acid amide groups of said polyamide.
13. (Currently Amended) A process for preparing a polyamide, which comprises converting oligomers suitable for forming a polyamide in the presence of 1-amino-2-R-cyclopent-1-ene, where R is a functional group is selected from the group consisting of a carboxylic acid; and a carboxylic ester; carboxylic amide and nitrile and the main chain of said polyamide comprises chemically bound 1-amino-2-R-cyclopent-1-ene wherein R is present at a level in the range from not less than 0.08 mol% to 2 mol%, based on 1 mol of acid amide groups of said polyamide.
14. (Currently Amended) A polyamide whose main chain comprises chemically bound 1-amino-2-R-cyclopent-1-ene wherein R is selected from the group consisting of a carboxylic acid; and a carboxylic ester; carboxylic amide and nitrile, and R is present at a level in the range from not less than 0.08 mol% to 2 mol%, based on 1 mol of acid amide groups of said polyamide.

15. (Cancelled).
16. (Previously Presented) The polyamide according to claim 14 wherein R represents carboxylic acid.
17. (Previously Presented) The polyamide according to claim 14 wherein R represents carboxylic ester.
18. (Cancelled).